

**Department of Environmental Protection  
Montgomery County, Maryland**

***DIVISION OF SOLID WASTE SERVICES***



*An independent survey commissioned by the County shows high levels of satisfaction with County-provided recycling and refuse collection services.*

***MONTHLY REPORT  
OCTOBER 2008***



*Printed on Recycled and Recyclable Paper*

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# **OVERVIEW**

## **Tonnage at a Glance**

The following table shows key material flows during the current month, fiscal year to date (FY Total), and the current calendar month in the two prior fiscal years. (County Fiscal Year 2009 began July 1, 2008.)

<b>FACILITY</b>	<b>Oct FY09</b>	<b>FY09 Total</b>	<b>Oct FY08</b>	<b>Oct FY07</b>
Materials Recovery Facility <sup>(1)</sup>	7,207 tons	28,205 tons	8,043 tons	8,206 tons
Brunswick Landfill Facility <sup>(2)</sup>	21,595 tons	83,392 tons	26,567 tons	22,218 tons
Resource Recovery Facility <sup>(3)</sup>	45,424 tons	196,790 tons	52,960 tons	44,612 tons
Yard Trim Compost Facility	3,484 tons	12,635 tons	3,123 tons	4,954 tons

(1) MRF tons reported as outgoing.

(2) Refers to waste sent to the landfill for disposal (ash residue and nonprocessible waste). It does not include rubble and bulk natural wood waste that is recycled.

(3) RRF tonnage refers to tons burned (processed). Waste shipped from the Transfer Station but not burned is in the pit and is not included in the tonnage presented here. These tonnages are preliminary, with adjustments made in the September and December monthly reports.

## **Revenue Analysis and Systems Evaluation**

- Researched properties and entered billing changes into the database;
- Continued work on the Equity Enhancement Study for Task Order #25;
- Prepared monthly house counts for collection contractors;
- Processed vacancy refunds payable in October;
- Updated Access™ databases and Excel™ spreadsheets for monthly Refuse and Recycling Collection contractor reports;
- Continued routine research and correction of solid waste fee abnormalities as they emerge in the property tax database;
- Generated Hauler/Collector Credit Account invoices for October 2008 totaling \$1,295,457.37 (a decrease of \$245,355.09 below October 2007);
- Updated the Aging Report (30-day arrearage was \$2,921.48 as of November 7, 2008);
- Reconciled October 2008 tons to monies posted in FAMIS, as well as to the total dollars charged in Paradigm;
- Completed the FY08 County-wide materials flow analysis;
- Continued to update and verify information in the Division of Solid Waste Services' (DSWS) Fixed Asset Database;
- Prepare Performance Measures for FY10 and Director's Performance Plan; and
- Continued FY10 budget preparation and rate calculation.

## **CITIZEN COMMITTEES**

**Dickerson Area Facilities Implementation Group (DAFIG)** – A meeting was held on Tuesday, September 9, 2008, at the Gothic Barn in Dickerson. There was a quorum. Topics discussed included the following: Covanta's Environmental Management System; Chiswell Lease; DEP Monitoring Report; Deer Management and Ambient Environmental Monitoring Update. The next meeting is on Tuesday, December 9, 2008.

**Solid Waste Advisory Committee (SWAC)** – The SWAC meeting was held on Tuesday, October 7, 2008 in the Executive Office Building Lobby Level Auditorium. Peter Karasik, Chief of the Central Operations Section, presented the SWAC committee with Construction and Demolition waste disposal procedures, as well as recycling initiatives. The next meeting will be held on Saturday, November 15, 2008 at the Recycling Center.

## **COLLECTIONS**

### **News:**

During the summer 2008, DSWS conducted a phone survey to update and document both usage and customer satisfaction of the recycling and refuse collection services provided by the County. The following are the highlight results:

- The majority of total respondents (89%) reported they were very satisfied with the curbside collection of mixed paper, bottles, and cans.
- Of those who were aware of this County service, the majority of respondents (75%) reported they were very satisfied with the weekly collection of leaves, grass and brush.
- Of those who were aware of this County's on-call scrap metal collection service, the majority of the respondents (83%) reported they were very satisfied with this service.
- The majority of the respondents (80%) reported they were very satisfied with the curbside refuse collection.
- Of the respondents who were aware of bulk trash collection, 81% reported they were very satisfied.

The full report is available by visiting our website at <http://www.montgomerycountymd.gov/content/dep/solidwaste/reference/>.

### **Resident Missed Collection Complaints:**

October 2008	99
October 2007	116
Difference	-17

**Call Center:**

Calls received	5,392
E-mails received	1,587
Voicemails received	113
Bulk trash requests	1,577
Scrap metal requests	1,601
Blue bin requests	1,127
Blue cart requests	345

**Public Outreach:**

- **Survey Cards:**

The Public Service Workers distributed 1,221 survey cards in October and received 5.9% of the cards back.

	Excellent	Good	Average	Fair	Poor
Recycling Programs	79%	9%	11%	0%	2%
County Staff	70%	25%	5%	0%	0%
Recycling Crews	61%	28%	9%	1%	2%

The Call Center mailed out 172 survey cards in October and received 15.1% of the cards back.

	Excellent	Good	Average	Fair	Poor
Recycling Programs	89%	11%	0%	0%	0%
County Staff	75%	17%	4%	4%	0%
Recycling Crews	66%	19%	12%	3%	0%

- Comments from Survey Cards:

"We would like to recycle plastic shopping bags curbside."

"When can we recycle plastic bags?"

"Very pleased with this service."

"These men are timely-leave nothing behind."

"Keep up the great service."

"Could not have better service."

"I feel solid waste collector too fussy about what they take. Too willing to paste signs on material."

"The recycle guys break the cans & bins on purpose. They slam them into the pavement like spiking a football."

"We have to replace our trash cans every few years. The trash collectors rip the covers off without unlocking the handles, so the handles break off."

"The pick-up people always throw my blue bins all over the place. Two problems arise from this behavior: (1) They break the bins. and (2) I have to look to find my bin which is placed on different locations every time."

"Glad we are doing the recycling. Contractors do not watch where they throw the empty bins—often blocking mail delivery, access to driveways, etc."

"I miss the twice weekly collections. Stuff gets really smelly and you have to freeze the garbage."

- **Website Survey:**

For the month of October, 71 residents responded to our website survey. The following are percentages detailing resident satisfaction with our recycling programs, crews, and collections staff:

	Excellent	Good	Average	Fair	Poor
Recycling Programs	66%	30%	3%	1%	0%
County Staff	63%	31%	6%	0%	0%
Recycling Crews	49%	40%	7%	4%	0%

- **Comments from Website Surveys:**

"I have been getting excellent service from the department, and have great confidence in it."

"Glad to see Montgomery County expanding recycling program to include more plastic. It would be great if Montgomery County was leading the state and the nation in improving and expanding recycling efforts."

"I feel the recycle folks are doing an excellent job. They are quick and courteous. Many thanks."

"The crew picking up the recycle sometimes forget to empty our bins."

"I had to order a new bin for plastics, bottles, etc. because the crew throws the bin around so much it got all broken up. Last week it just disappeared. So, I don't know if someone took it or if the crew just went ahead and took it since it was barely functional."

"Keep up the good work!"

"It would be nice if they put the recycling bins back on the sidewalk instead of in the street."

"Often collection crews will leave behind items that fall into the street during pick up service. In addition, they slam the bins to the ground so hard after emptying, both my small blue bins have been badly cracked. Last week they took one of the bins without any explanation or warning that I would need to order a new one."

"The recycling crews are very hard working individuals who are not appreciated enough."

"Crew is reliable but often leaves recycling bin on the road or in the middle of the driveway, resulting in damage. I would welcome more opportunities to recycle new items and pamphlets to educate consumers."

"Sometimes they (trash collectors) can be a little rough with the trash containers after dumping and returning to sidewalk. There are times my trash can ends up in with my neighbors front yard."

"You have an excellent team. We are very lucky here in Montgomery County!"

#### **Enforcement Actions:**

- Citations: 2 citations were issued under chapter 48.
  - 48-20(a) Did collect solid waste within the county without a valid collectors tag attached to the vehicle.
  - 48-21(b) Did collect solid waste within 500 feet of a residential structure after 9 p.m. and before 7 a.m.
- Notices of Violation: One notice of violation was issued under chapter 48.
  - 48-24(b) Improperly stored and or permitted solid waste to accumulate.

#### **Web Site:**

The following is information gathered from the Montgomery County Solid Waste web in October 2008:

Solid Waste Services Website

Unique Visitors	37,494
Page Loads	117,987

Email List Memberships

Topic	Members
Holiday Reminder	12,460
HHW Announcements	3,249
Newsletter Helper	1,534
Facility Updates	978
Electronics Recycling	396

Total Subscriptions	18,617
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#### Live Chats

Live and email follow-ups	58
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#### Most Popular Web Pages

1. How to recycle/dispose of...
2. Transfer Station
3. Bulk Trash
4. Holidays
5. Plastics
6. Household Hazardous Waste
7. Scrap Metal
8. Curbside Recycling
9. Latex Paint
10. Recycling Collection Service

## **WASTE MINIMIZATION**

Product Recycled	Approximate weight recycled in October 2008 (tons)
Computers	83 tons
TVs	51 tons
Propane Tanks	2 tons
Textiles	13 tons
Construction Materials (Don't Dump – Donate)	1 ton
Vehicle Batteries	16 tons

## **HAZARDOUS WASTE PROGRAMS**

**Household Hazardous Waste (HHW) Collection** – We had 7,513 patrons and solidified 70 cubic yards of paint this month.

**Small Quantity Generator/ECOWISE Program** – There were 19 ECOWISE participants this month.

## **WASTE REDUCTION**

**Bicycle Recycling** – “Bikes for the World” removed 1 ton of bikes in October for restoration and shipment to countries worldwide.



**Paint Recycling** – The HHW Program gave away 100 gallons to 5 walk-up customers.

**Straight Vegetable Oil (SVO) Recycling** – The Transfer Station now has a vendor that accepts Waste Vegetable Oil (WVO) for the sole purpose of bio-diesel production; 0.78 tons of SVO was shipped out for processing into bio-diesel in October.

## **AIR PERMITS AND ENVIRONMENTAL PROGRAMS**

**Resource Recovery Facility (RRF): CEMS Tracking of RRF Emissions** – The CEMS reported no instances of stack gas emissions exceeding permitted concentration limits during the month of October.

**Oaks Landfill Air Emissions and Energy Recovery** – SCS Engineers, Inc. continues to conduct monthly gas sampling and analysis at the Oaks Landfill under an engineering services contract. Methane concentrations were sampled eight times averaging 44.6 percent by volume. Those samples were taken as follows: twice each at both the blower inlet and flare inlet on October 3, and twice each at both the blower inlet and flare inlet on October 21, with the latter samples taken at least three hours apart. Gas flow rate, measured once each day at the flare inlet on October 3 and 21 averaged 1,093 scfm.

**TES Contract (Weather Station)** – All of the instrumentation worked normally in October. Data recovery for all parameters was 100 percent for the month. The total rainfall for the month was 3.06 inches.

## **WASTE REDUCTION AND RECYCLING**

**Public Education and Outreach** – Work continues on revising existing educational materials to include information regarding the expanded plastics recycling information. To further educate residents about the types of plastics that are now recyclable, staff worked closely with Whole Foods Market to develop educational shelf tags and register check-out signs to educate customers about the County's expanded plastics recycling program. The shelf tags identify types of packaging that can now be recycled in Montgomery County. Staff is also working with Harris Teeter and other grocery stores to implement similar efforts. The fall issue of the Civic Loop newsletter was mailed to homeowner, civic and community associations in October. Work has begun on the development of a multi-lingual educational fold-out pamphlet inserted into a door hanger for distribution to single-family homes. This will help identify items that can be recycled at curbside as well as materials that can be recycled at the Solid Waste Transfer Station/Recycling Center. Preparations are underway to coordinate 16 events across the County to celebrate America Recycles Day on November 15. DSWS staff and volunteers from the Recycling Volunteer Program will be participating in two paper shredding and household goods and clothing donation events as well as staffing educational tables providing information on recycling, buying recycled products and waste reduction at 13 other locations throughout the County.

**On-Site Composting and Waste Reduction Activities** – In October, a total of 798 compost bins were distributed to encourage residents to compost their leaves and grass clippings on-site. Staff conducted composting presentations during the Harvest Festival at the Agricultural History Farm Park and at Good Earth in Olney. A self-mailer on composting was mailed to all single-family households at the end of October. This mailer provides information and instructions on the proper techniques of composting.

**Recycling Investigations Unit** – Since the unit was established, 16,183 site visits and 2,440 formal investigations have been conducted. In October, 28 NOV's were issued for infringements against the recycling regulations and Chapter 48. Two (2) citations were issued to a business and a multi-family property for failure to recycle required materials, and failure to maintain the premises by permitting solid waste to be stored outside of storage containers.

**Commercial Recycling and Waste Reduction** – The SORRT Program conducted 1,190 on-site visits of businesses in October and participated in 15 educational events reaching 1,153 people. Staff resolved one complaint, delivered 527 desk-side recycling bins to small businesses, and responded to 125 requests for information ranging from educational materials to presentations for property managers, tenants, and employees. Staff continues to educate businesses in the City of Rockville about the County's recycling requirements. The SORRT program held its first one-day Business Recycling seminar of this fiscal year on October 28, 2008 at the Gaithersburg Marriott Washingtonian Center. A total of 26 people attended the seminar including business managers, owners, employees, property owners, managers and collectors. The next Business Recycling seminar will be held on November 6 at the North Bethesda Marriott Hotel and Conference Center. The first issue of the SORRT Network newsletter was mailed at the end of October and work has begun on the second issue which is expected to be mailed at the end of December. SORRT staff began conducting the annual evaluations of the recycling programs at each of the Montgomery County Public Schools (MCPS). Work continues on FY09 task orders including the development of a special events brochure and recycling collection area posters to increase recycling participation.

**Multi-Family Recycling and Waste Reduction** – The TRRAC Program conducted 268 on-site visits to multi-family properties in October to monitor the status and progress of their recycling programs. Staff participated in three multi-family resident education events that reached 23 people. Staff also responded to 36 requests for information, and distributed 471 multi-family recycling bins. Staff continued educating multi-family properties in the City of Rockville about the County's recycling requirements. Planning is underway for a seminar that will be held on November 18 at the Bethesda North Marriott Hotel and Conference Center to educate multi-family property representatives, residents, and collectors on how to establish and maintain an effective recycling program in compliance with the County's recycling regulation. The first FY09 issue of the TRRAC newsletter for property representatives was mailed at the end of October. Filming occurred for a video that will educate multi-family residents on recycling, waste reduction, and buying products made with recycled content. Work continued on developing a telephone survey of multi-family residents that will help DSWS tailor its assistance

provided to properties and prepare educational materials that will be beneficial to managers and residents and be effective in increasing multi-family recycling achievement.

**Mixed Paper Recycling** – Existing educational materials were distributed to residents at several events. Larger quantities of materials were also provided to homeowner associations and civic groups for their use and distribution.

**Volunteer Activities** – Twenty-two volunteers provided over 85 hours of their time to support recycling activities in October. Three volunteer recycling block captains contributed seven hours of their time disseminating information about the County's expanded plastics recycling program to 200 of their neighbors in Bethesda and Silver Spring. Nineteen volunteers provided nearly 72 hours of service talking to 2,004 residents at nine outreach events throughout the County. One trained "lead" volunteer provided five hours of service staffing one outreach event and talking to County residents, allowing DSWS staff to participate in other outreach events. One Speaker's Bureau volunteer presented recycling information to 14 county residents. Two "lead" volunteers were trained on October 22 to staff outreach events; allowing the Division to participate in additional outreach events. The Recycling Volunteer Program recruited six new volunteers and eleven prospective volunteers in October. In addition, the program participated in volunteer fairs at the Montgomery College Rockville Campus and Sherwood High school reaching 344 potential volunteers. Copies of the Recycleletter were mailed to 235 active volunteers and 1,200 copies were distributed to the libraries.

## **PILOT PROGRAMS**

**Cooperative Collection/Alternative Collection** – The SORRT Program continues to monitor the Cooperative Collection Projects in Silver Spring to ensure that the participants are recycling properly. Due to future development needs and existing space constraints, the Bethesda Cooperative Collection Project was dissolved in late October. All participating businesses established individual collection contracts for refuse and recycling collection services. Staff continues to look for potential sites for future cooperative recycling and refuse collection efforts in downtown Bethesda.

## **FACILITY ACTIVITIES**

**Resource Recovery Facility (RRF)** – The RRF processed a total of 45,424 tons, or 1,465 tons per day. Trash deliveries averaged 10,412 tons per week. On October 8, Unit #1 was removed from service due to low MSW flow. During this time work was done to clean the boiler and repair the feedtable dropwall on run #1. The unit was returned to service on October 14. The unit was shutdown shortly after startup due to an external economizer inlet tube leak. Repairs were made and the unit was returned to service on October 15. During the month a number of difficult feedchute plugs in Unit #1 damaged the feedchute. The unit had to be removed from service to make repairs starting on October 21 through October 25. Also on October 25, Unit #2 was removed from service

to begin its fall outage and upgrade to LN™ technology. This outage continued into November.

There were no OSHA recordable incidents this month.

There were no generation emergencies issued by PJM during this month. No power was purchased during the month.

There were no AQA days (Air Quality Action days) forecasted during the month.

The following environmental activities occurred:

- Submitted the September 2008 Water Supply Monthly Operating Report to MDE.
- Annual stack testing was completed. The results indicated full compliance with the Title V permit.
- Notified MDE of a low pH wastewater discharge excursion on October 22. The excursion was discovered during routine operator sampling at the waste sump in the pretreatment building. It was caused by the failure of a pH controller which overfed sulfuric acid to the cooling tower. A redundant and continuous pH monitor is being installed at the waste sump to prevent a repeat of the problem.
- Notified MDE regarding hydraulic fluid spills on October 26 and 31. The spills were collected and no environmental impacts are anticipated.

**Materials Recovery Facility (MRF)** – Approximately 1,801 tons of commingled material were shipped out and approximately 5,406 tons of mixed paper were loaded out and transferred to the Office Paper Systems, Inc. processing facility in October, 2008. Commodity prices have decreased dramatically, reflecting the general economy's downturn. The four days, 10-hour workweek continued with no drop in production. Installation of a new electrical panel near presort has begun.

**Oaks Landfill** – On behalf of Northeast Maryland Waste Disposal Authority (NMWDA) and the Division of Solid Waste Services (DSWS), SCS Engineers, Inc. (SCS) is responding to permit review comments received from the Department of Permitting Services (DPS) on the 100% design drawings for the Landfill Gas to Energy (LFGE) Project. The Maryland Department of Environment (MDE) issued the Air Permit to Construct on September 5, 2008. The Maryland-National Capital Park and Planning Commission (M-NCPPC) provided their staff recommendation for approval for the LFGE Project on October 9, 2008. The M-NCPPC planning board hearing was held on October 23, 2008 and the planning board decision was deferred to a date that is to be determined following DSWS's responses to community concerns regarding activities at the landfill and project.

**Gude Landfill** – On behalf of NMWDA and DSWS, SCS is responding to permit review comments received from the DPS on the 100% design drawings for the LFGE Project. MDE issued the Air Permit to Construct on September 5, 2008. M-NCPPC provided their staff recommendation for approval for the LFGE Project on October 9, 2008. The M-NCPPC planning board hearing was held on October 23, 2008 and the planning board

decision was deferred to a date that is to be determined following DSWS's responses to community concerns regarding activities at the landfill and with the project.

DSWS provided SCS comments on the 90% design drawings for the Yard Trim Processing Facility, Phase 1 – Site/Civil Design. SCS continues to await design comments from the Department of General Services, Building Design and Construction (DGS/BDC). DPS provided some minor comments on the revised rough grading plan and erosion and sediment control plan for the secondary phase of soil surcharging of the landfill within the proposed project area. DSWS/DGS/BDC is in the process of preparing an RFP or Task Order for the Phase 2 – Site Facilities portion of the project.

**Solid Waste Transfer Station** – Covanta shipped 47,901 tons of processible waste via rail from the Transfer Station to the RRF; 413 tons more than shipped in October 2007.

The inbound radiation detectors had 11 alarms – 3 alarms involved a driver or passenger who had undergone recent medical tests and/or treatment involving radioactive isotopes and residual radiation, and 7 alarms by vehicles that were identified as low levels of medical isotopes with short half-lives in trash. There was also 1 false alarm.

**Transfer Station Enforcement** – Enforcement actions were slightly reduced again this month due to the temporary assignment provided to one of the transfer station inspectors. For the second month, we temporarily reassigned an inspector to assist in the licensing process to further increase the number of licenses being issued. The duties of this temporary assignment resulted in a reduced number of citations being issued by this inspector for the second month. Under Chapter 48 of the Montgomery County Code, a total of 33 enforcement actions were taken during the reporting period. The enforcement composition breakdown includes: 3 citations, 3 NOV's, and 1 verbal warning issued for expired or outdated collector's tags; 20 citations, 2 NOV's, and 1 verbal warning were issued for cardboard mixed with waste for disposal; 1 citation issued for illegal dumping of solid waste; No citations and 2 NOV's issued for operating a collection vehicle without a tight-fitting cover; and no citations or NOV's were issued for transporting solid waste into the County from areas outside of the County without first obtaining a valid permit from the County.

**Site 2 Landfill Properties** – Repairs continued on the barn at the Draper Farm. The farm house on this property was put up for rent. A requisition for water resource engineering service was completed for the remaining Site 2 ponds.

**Yard Trim Compost Facility** – The facility received 3,484 tons of material for composting; this compares with 3,123 tons of material received during the same period last year. No materials were diverted to back-up composting facilities.

There were 5,989 cubic yards of bulk LeafGro™ shipped this month, compared with 6,339 cubic yards for the same period last year. There were 20 cubic yards of Linden Farm Humus sold; this compares with 1,081 cubic yards for the same period last year.

**Bagging Operation** – 20,253 bags were shipped to distributors. This compares with 31,350 bags shipped during the same period last year. (Each bag is 1.5 cubic feet weighing 45 lbs.)

In October, 30 1-cubic foot bags were sold. This compares with 60 bags during the same period last year.

## **OUT-OF-COUNTY HAUL**

**Brunswick County, Virginia** – Approximately 16,094 tons of ash residue and 5,501 tons of nonprocessable waste were transported to the County's dedicated disposal cell at the Brunswick Waste Management Facility, Inc., Landfill in Brunswick County, Virginia.

**Tuscarora, Maryland** – No wood waste was shipped to Butler Tree Service. DSWs began processing large-diameter bulky wood waste at the Transfer Station in October 2007 instead of shipping it to outside contractors to be processed; this material is now recycled on-site.

**Laurel, Maryland** – Approximately 505 tons of asphalt was shipped to The Recycling Center in Laurel, Maryland, for recycling this month.

# GENERAL INFORMATION

## Important Telephone Numbers

General information on solid waste	240-777-6400
Customer Service	240-777-6410
Transfer Station	240-777-6560 (County Office) 301-916-3031 (Covanta) 301-330-2840 (MES)
Materials Recovery Facility	240-777-6591 (County Office) 301-417-1433 (MES)
Resource Recovery Facility	240-777-6494 (County Office) 301-916-3031 (Covanta)
Yard Trim Compost Facility	301-428-8185 (MES)
Internet for DSWS	<a href="http://www.montgomerycountymd.gov/solidwaste">www.montgomerycountymd.gov/solidwaste</a> <a href="http://www.montgomerycountymd.gov/recycling">www.montgomerycountymd.gov/recycling</a> <a href="http://www.montgomerycountymd.gov/hazardouswaste">www.montgomerycountymd.gov/hazardouswaste</a> <a href="http://www.montgomerycountymd.gov/useitagain">www.montgomerycountymd.gov/useitagain</a> <a href="http://www.montgomerycountymd.gov/yardtrim">www.montgomerycountymd.gov/yardtrim</a> <a href="http://www.montgomerycountymd.gov/veggieoil">www.montgomerycountymd.gov/veggieoil</a>

Note: All comments, questions, and suggestions on the contents of this report should be addressed to:

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## SOLID WASTE FACTS IN A NUTSHELL

TOPIC OR FACILITY	
Latest Tonnage of Materials Recycled in a Fiscal Year in Montgomery County	553,501 (FY08)
Latest Recycling Rate Reported in Montgomery County	44.3% (FY08)
Recycling Goal	50% by December 2010
Resource Recovery Facility (RRF)	Permitted Capacity = 657,000 tons per calendar year (based on 5,500 BTU/lb waste)
Yard Trim Compost Facility	<p>Under the Sugarloaf Settlement Agreement, operations are limited to the receipt of 77,000 tons per fiscal year.</p> <p>In FY08, 74,040 tons of yard trim were received at the Dickerson Facility.</p>
# Residences receiving trash collection by County contractors	90,235
# Residences receiving collection of recyclables in blue bins and yard trim collection	209,690
Term of out-of-county waste transportation and disposal contract with Brunswick Waste Management Facility, Inc.	June 19, 1997 through June 30, 2012 with an option for a five-year renewal. (Service started October 20, 1997.)



## GLOSSARY OF ACRONYMS

AQA	Air Quality Action
BDC	Building Design Construction
BTU	British Thermal Unit
CEMS	Continuous Emissions Monitoring System
COG	Council of Governments
CY	Calendar Year
DPS	Department of Permitting Services
DAFIG	Dickerson Area Facilities Implementation Group
DEP	Department of Environmental Protection
DSWS	Division of Solid Waste Services
DGS	Department of General Services
FMOS	Facilities, Maintenance and Operations Section
FY	Fiscal Year
HHW	Household Hazardous Waste
LFGE	Landfill Gas to Energy
MCPS	Montgomery County Public Schools
MDE	Maryland Department of Environment
MES	Maryland Environmental Services
M-NCPPC	Maryland-National Capital Park and Planning Commission
MRF	Materials Recovery Facility
NMWDA	Northeast Maryland Waste Disposal Authority
NPDES	National Pollution Discharge Elimination System
NOV	Notice of Violation
OSHA	Occupational Safety & Health Administration
PJM	Pennsylvania-New-Jersey-Maryland
PPM	Parts per million
RRF	Resource Recovery Facility
SCFM	Standard cubic feet per minute
SCS	SCS Engineers, Inc.

SORRT	Smart Organizations Reduce and Recycle Tons
SWAC	Solid Waste Advisory Committee
SVO	Straight Vegetable Oil
TRRAC	Think Reduce and Recycle at Apartments and Condominiums
WVO	Waste Vegetable Oil